



Delivery Program Sheets EMEA 2017

makrolon[®]
vivak[®]
axpet[®]



DEFINITIONS

Standard

Production runs planned at regular intervals

Semi-Standard

Production runs depending on market requirements

On request

No planned production runs, minimum order quantity required.

Please ask for the particular minimum order quantity as far as solid sheets are concerned.

makrolon®

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

CHANGES IN DELIVERY PROGRAM SOLID SHEETS

For some products, the status (standard, semi-standard, on request) has changed.

The following products are added to the product range:

Makrolon® Hygard BR 1250 clear 8099

The following products have been taken out of range:

Makrolon® Hygard MS 1250 clear 8099

Makrolon® Hygard BR 750 clear 8099

Makrolon® SX Shark

Vivak® fluo green 850

Vivak® fluo red 330

Vivak® fluo orange 250

CHANGES IN DELIVERY PROGRAM MAKROLON® MULTI UV

For some products, the status (standard, semi-standard, on request) has changed.

The following products are added to the product range:

Makrolon® multi UV 2/4-8

Makrolon® multi UV 2/6-8

Makrolon® multi UV 7/16-14

Makrolon® multi UV 7/16-20

Makrolon® multi UV 7M/16-28

Makrolon® multi UV 7M/20-28

Makrolon® multi UV 7M/25-28

Makrolon® multi UV 7M/32-28

Makrolon® multi UV 7M/40-28

Makrolon® multi UV 7M/50-28

The following products have been taken out of range:

Makrolon® multi UV 2/4-6

Makrolon® multi UV 2/6-6

Makrolon® multi UV 6/16-20

Makrolon® multi UV 6/20-20

Makrolon® multi UV 5M/40-20

NOTE ON PRODUCT INFORMATION: TECHNICAL DATA SHEETS, BROCHURES ETC.

Our documentation is revised regularly and made available on our website: **www.sheets.covestro.com**.

Simply go to our website to access the latest versions of our technical data sheets, warranties, brochures etc.

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

makrolon®



TOLERANCE ON THICKNESS SOLID SHEETS

Thickness in mm	Tolerance
0,5 (Vivak®)	-0.05 / +0.15 mm
0,75 - 2 mm	± 10 %
> 2 mm	± 5 %

COLOUR

Slight differences in the hue of coloured sheets may occur from batch to batch. We therefore advise you to use only sheets from the same batch for each individual project.

LENGTH / WIDTH (STANDARD):

≤ 2000 mm -0/+6 mm
 > 2000 mm -0/+3 mm/m

LENGTH / WIDTH (CUT ON-LINE):

700 - 2000 mm ± 2 mm
 2001 - 3000 mm ± 3 mm
 3001 - 4000 mm ± 4 mm
 4001 - 5000 mm ± 5 mm
 5001 - 6000 mm ± 6 mm

LENGTH / WIDTH (CUT OFF-LINE):

0 - 1500 mm ± 0.5 mm
 1501 - 3000 mm ± 1.0 mm
 3001 - 6000 mm ± 2.0 mm

SHRINKAGE:

≤ 2 mm thickness max. 6 %
 ≥ 3 mm thickness max. 3 %

RECTANGULARITY (STANDARD, DIFFERENCE IN LENGTH BETWEEN DIAGONALS):

Shall be less than 0.35% of the width of the sheet or 2 mm, whichever is the higher.

Other tolerances are only available on request.

Sheets produced according to previous edit of product tolerances, might differ from actual tolerances and will be supplied as long as available in our warehouse.

makrolon®

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

TOLERANCE ON THICKNESS MULTI WALL SHEETS

Thickness in mm	Tolerance
all types	± 0,5 mm

COLOUR

Slight differences in the hue of coloured sheets may occur from batch to batch. We therefore advise you to use only sheets from the same batch for each individual project.

LENGTH (STANDARD, CUT ON-LINE):

< 4000 mm	-0/+12 mm
4000 - < 5000 mm	-0/+16 mm
≥ 5000 mm	-0/+20 mm

WIDTH (STANDARD, CUT ON-LINE):

-2/+6 mm

FLATNESS IN DIRECTION OF EXTRUSION (STANDARD):

≤ 3 mm/m

FLATNESS CROSSWISE IN DIRECTION OF EXTRUSION (STANDARD)

≤ 4 mm/m

RECTANGULARITY

(STANDARD, DIFFERENCE IN LENGTH BETWEEN DIAGONALS):

Shall be max 0.35% of the width of the sheet

LATERAL CURVATURE

Valid for sheets with closed edges as well as for sheet cut on both sides along the ribs (ex works or by the cus-tomer) with a minimum width of 800 mm: ≤ 4 mm/m - max. 20 mm.

Other tolerances are only available on request.

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

makrolon[®]
multi UV



EXAMPLE: MAKROLON® UV BRONZE 2850

Makrolon®	UV	bronze	2850
Brandname	Properties	Colour group	Definition (4 digits)
Makrolon® Vivak® Axpel®	GP: general purpose UV: UV-protected NR: non-reflective AR: abrasion resistant FR: flame-retardant FG: food grade	clear white bronze grey green blue umbra	<u>1st digit: properties</u> - no special properties 2 = 2 sides UV-protected 7 = 1 side abrasion resistant 8 = 2 sides abrasion resistant
			<u>2nd digit: colour</u> 0 clear 1 white 2 orange 3 red 4 violet 5 blue 6 green 7 grey 8 brown / bronze 9 black
			<u>3rd & 4th digit: approximate light transmission at 3 mm*</u> <i>Example: 2850</i> 2 sides UV-protected, bronze, LT 50% at 3 mm

* only valid for standard products

STRUCTURE (OPTIONAL)

- R: raindrop
- H: haircell
- P: pearl
- X: prism
- G: fine ripples
- C: chairmat



makrolon®

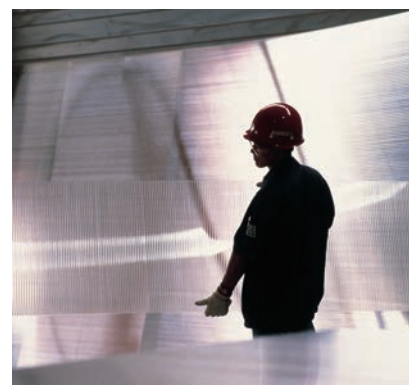
The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

EXAMPLE: MAKROLON MULTI UV® 5X/16-25 WHITE 1146

Makrolon®	5X/ 16-25	white	1146
Brandname	Geometry	Colour	Definition (4 digits)
Makrolon® multi UV	<u>1st digit: layers</u> 2: twinwall 3: triplewall 4: 4-wall 5: 5-wall 6: 6-wall 7: 7-wall <u>Optional: structure</u> X: X-structure M: M-structure <u>2nd digit: thickness</u> e.g. 16: 16 mm thick <u>3rd digit: rib distance</u> e. g. 25: 25 mm	clear white bronze green blue	<u>1st digit: properties</u> 1 = 1 side UV-protected 2 = 2 sides UV-protected 4 = 1 side UV, 1 side no drop <u>2nd digit: colour</u> 0 clear 1 white 2 orange 3 red 4 violet 5 blue 6 green 7 grey 8 brown/ bronze 9 black <u>3rd & 4th digit</u> approximate light transmission example: 1146 1 side UV-protected, white, LT ~45%

ADDITIONAL PROPERTIES (OPTIONAL)

IQ-Relax:	heat reflecting opal multiwall sheet
no drop:	no drop coating on 1 side
CC:	Climate Control, transparent and heat reflecting
ES:	Extra Strong
BF:	Butterfly



The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

makrolon®
multi UV

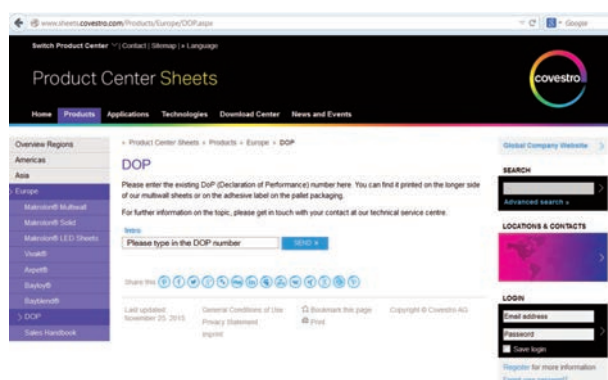


DECLARATION OF PERFORMANCE/ CE-MARKING FOR MAKROLON® MULTIWALL SHEETS

For all **multiwall sheets** in our catalogue we have introduced a CE marking in accordance with EN 16153, which did enter into force in all EU Member States **1 January 2015**.

A document with a declaration of performance for each type of multiwall sheet can be downloaded from our website, under "Documentation – DoP".

Link to DoP No. : <http://www.sheets.covestro.com/en/Products/Europe/DOP.aspx>



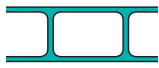


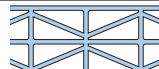





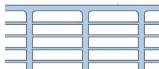
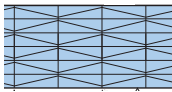

Please enter the existing DoP (declaration of performance) number here. You can find it printed on the longer side of our multiwall sheets or on the adhesive CE label on the pallet packaging.

For further information please get in touch with your contact at our technical service center..

Our technical data sheets provide further technical information on the types of multiwall sheets. The latest versions of the respective data sheets can be downloaded from our website.

makrolon®
multi UV

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

Profile	Name	Thickness in mm	Product Line	Application recommendation
	Makrolon® multi UV 2/4–8	4		Standard
	Makrolon® multi UV 2/6–8	6		
	Makrolon® multi UV 2/8–10,5	8		
	Makrolon® multi UV 2/10–10,5	10		
	Makrolon® multi UV 3/16–20	16		
	Makrolon® multi UV 5X/16–25	16		
	Makrolon® multi UV 2/16–30	16		
	Makrolon® multi UV 4/10–6	10		Barrel vault
	Makrolon® multi UV 7/16–14	16		
	Makrolon® multi UV 7/20–14	20		
	Makrolon® multi 7M/ 16-28	16		Saving Energy
	Makrolon® multi 7M/ 20-28	20		
	Makrolon® multi 7M/ 25-28	25		
	Makrolon® multi 7M/ 32-28	32		
	Makrolon® multi 7M/ 40-28	40		
	Makrolon® multi 7M/ 50-28	50		

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

makrolon®
multi UV

**NEW**

MAKROLON® MULTI UV 2/4

Makrolon® multi UV 2/4 is a twinwall sheet, extruded with Makrolon® polycarbonate resin and a superior UV-protection on the external side.

DESCRIPTION

Makrolon® multi UV 2/4-8

Thickness:	4 mm
Rib distance:	8 mm
Weight:	0,8 kg/m ²
Light transmission:	clear 1099: 82%
	white 1146: 77%
	white 1125: 28%
	bronze 1845 48%

PRODUCT RANGE

Standard range

Makrolon® multi UV 2/4-8 clear 1099

On request range

Makrolon® multi UV 2/4-8 white 1125

Makrolon® multi UV 2/4-8 white 1146

Makrolon® multi UV 2/4-8 bronze 1845

STANDARD RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 2/4-8	clear 1099	2 100 mm	6 000 mm	100

ON REQUEST RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 2/4-8	white 1125	2 100 mm	on request	on request
	bronze 1845	2 100 mm	on request	on request
	white 1146	2 100 mm	on request	on request



Thickness 4 mm

makrolon®
multi UV

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.



NEW

MAKROLON® MULTI UV 2/6

Makrolon® multi UV 2/6 is a twinwall sheet, extruded with Makrolon® polycarbonate resin and a superior UV-protection on the external side. .

DESCRIPTION

Makrolon® multi UV 2/6-8

Thickness:	6 mm
Rib distance:	8 mm
Weight:	1,3 kg/m ²
Light transmission:	clear 1099: 82%
	white 1146: 80%
	white 1125: 24%
	blue 1545: 45%
	green 1650: 58%

PRODUCT RANGE

Standard range

Makrolon® multi UV 2/6-8 clear 1099
Makrolon® multi UV 2/6-8 white 1146
Makrolon® multi UV 2/6-8 bronze 1845

Semi-standard range

Makrolon® multi UV 2/6-8 clear 2099

On request range

Makrolon® multi UV 2/6-8 white 1125
Makrolon® multi UV 2/6-8 blue 1545
Makrolon® multi UV 2/6-8 green 1650

STANDARD RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 2/6-8	clear 1099	2 100 mm	6 000 mm	70
			7 000 mm	60
	white 1146	2 100 mm	6 000 mm	70
			7 000 mm	60
	bronze 1845	2 100 mm	6 000 mm	70

SEMI-STANDARD RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 2/6-8	clear 2099	2 100 mm	6 000 mm	70
			7 000 mm	60

ON REQUEST RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 2/6-8	white 1125	2 100 mm	on request	on request
	blue 1545	2 100 mm	on request	on request
	green 1650	2 100 mm	on request	on request



Thickness 6 mm

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

makrolon®
multi UV



MAKROLON® MULTI UV 2/8

Makrolon® multi UV 2/8 is a twinwall sheet, extruded with Makrolon® polycarbonate resin and a superior UV-protection on the external side.

DESCRIPTION

Makrolon® multi UV 2/8-10.5

Thickness:	8 mm
Rib distance:	10.5 mm
Weight:	1,5 kg/m ²
Light transmission:	clear 1099: 81%
	white 1146: 78%
	blue 1545: 44%
	green 1650: 58%

Special types:	no drop
	2 UV

PRODUCT RANGE

Standard range

Makrolon® multi UV 2/8-10.5 clear 1099
Makrolon® multi UV 2/8-10.5 white 1146
Makrolon® multi UV 2/8-10.5 bronze 1845

On request range

Makrolon® multi UV 2/8-10.5 blue 1545
Makrolon® multi UV 2/8-10.5 green 1650
Makrolon® multi UV 2/8-10.5 clear 4099 no drop
Makrolon® multi UV 2/8-10.5 clear 2099
Makrolon® multi UV 2/8-10.5 white 2146

STANDARD RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 2/8-10.5	clear 1099	2 100 mm	6 000 mm	60
		2 100 mm	7 000 mm	50
	white 1146	2 100 mm	6 000 mm	60
	bronze 1845	2 100 mm	6 000 mm	60

ON REQUEST RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 2/8-10.5	blue 1545	2 100 mm	on request	on request
	green 1650	2 100 mm	on request	on request
	clear 4099 no drop	2 100 mm	on request	on request
	clear 2099	2 100 mm	on request	on request
	white 2146	2 100 mm	on request	on request



Thickness 8 mm

makrolon®
multi UV

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

MAKROLON® MULTI UV 2/10

Makrolon® multi UV 2/10 is a twinwall sheet, extruded with Makrolon® polycarbonate resin and a superior UV-protection on the external side. The twinwall structure offers a high structural stiffness in combination with a low weight.

DESCRIPTION

Makrolon® multi UV 2/10-10.5

Thickness:	10 mm
Rib distance:	10.5 mm
Weight:	1,7 kg/m ²
Light transmission:	clear 1099: 80%
	white 1146: 70%
	IQ-Relax: 70%
	white 1125: 19%
	blue 1545: 42%
	green 1650: 54%

Special types:	no drop
	IQ-Relax
	2 UV

PRODUCT RANGE

Standard range

Makrolon® multi UV 2/10-10.5 clear 1099
Makrolon® multi UV 2/10-10.5 white 1146
Makrolon® multi UV 2/10-10.5 bronze 1845
Makrolon® multi UV 2/10-10.5 clear 2099

Semi-standard range

Makrolon® multi UV 2/10-10.5 white 1125
Makrolon® multi UV 2/10-10.5 blue 1545
Makrolon® multi UV 2/10-10.5 green 1650

On request range

Makrolon® multi UV 2/10-10.5 white 1140 IQ-Relax
Makrolon® multi UV 2/10-10.5 clear 4099 no drop
Makrolon® multi UV 2/10-10.5 white 2146

STANDARD RANGE

Product	Width	Length	Sheets per pallet
Makrolon multi UV 2/10-10.5 clear 1099	2 100 mm	6 000 mm	50
		7 000 mm	45
white 1146	2 100 mm	6 000 mm	50
		7 000 mm	45
bronze 1845	2 100 mm	6 000 mm	50
		7 000 mm	45
clear 2099	2 100 mm	6 000 mm	50
		7 000 mm	45

SEMI-STANDARD RANGE

Product	Width	Length	Sheets per pallet
Makrolon multi UV 2/10-10.5	white 1125	2 100 mm	6 000/ 7 000 mm
	blue 1545	2 100 mm	6 000/ 7 000 mm
	green 1650	2 100 mm	6 000/ 7 000 mm

ON REQUEST RANGE

Product	Width	Length	Sheets per pallet
Makrolon multi UV 2/10-10.5 white 1140 IQ-Relax	2 100 mm	on request	on request
clear 4099 no drop	2 100 mm	on request	on request
white 2146	2 100 mm	on request	on request

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

makrolon®
multi UV



MAKROLON® MULTI UV 2/16

The strong one of the twinwall sheets with a warranty of 20 years on weathering and hail resistance. Makrolon® multi UV 2/16 is a twinwall sheet, extruded with Makrolon® polycarbonate resin and a superior UV-protection on both sides and an excellent load bearing. The sheet has a high hail resistance classification according to Swiss standards..

PRODUCT DESCRIPTION

Makrolon® multi UV 2/16-30

Thickness	16 mm
Rib distance:	30 mm
Weight:	3,6 kg/m ²
Light transmission:	clear 2099: 77%
	white 2146 57%
	bronze 2845 22%
Special Type:	no drop
Climate Control (CC)	clear 2070 CC 70%

PRODUCT RANGE

Standard range

Makrolon® multi UV 2/16-30 clear 2099
Makrolon® multi UV 2/16-30 white 2146

On request range

Makrolon® multi UV 2/16-30 bronze 2845
Makrolon® multi UV 2/16-30 clear 4099 no drop
Makrolon® multi UV 2/16-30 clear 2070 CC

STANDARD RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 2/16-30	clear 2099	980/ 1 200 mm	3 000 mm	30
			3 500 mm	30
			4 000 mm	30
			5 000 mm	30
			6 000 mm	30
			7 000 mm	30
	white 2146	980/ 1 200 mm	3 000 mm	30
			3 500 mm	30
			4 000 mm	30
			5 000 mm	30
			6 000 mm	30
			7 000 mm	30



ON REQUEST RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 2/16-30	bronze 2845	980/ 1200 mm	on request	on request
	clear 4099 no drop	980/ 1200 mm	on request	on request
	clear 2070 CC	980/ 1200 mm	on request	on request



Thickness 16 mm



makrolon®
multi UV

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

MAKROLON® MULTI UV 3/16

Makrolon® UV multi UV 3/16 is a triplewall sheet, extruded with Makrolon® polycarbonate resin and a superior UV-protection on both sides. Key features of this geometry are a high transparency and a good load bearing.

PRODUCT DESCRIPTION

Makrolon® multi UV 3/16-20

Thickness	16 mm
Rip distance:	20 mm
Weight:	2,6 kg/m ²
Light transmission:	clear 2099: 74%
	white 2146: 62%
	bronze 2845: 30%

Special type: no drop

PRODUCT RANGE

Standard Range

Makrolon® multi UV 3/16-20 clear 2099
Makrolon® multi UV 3/16-20 white 2146

On request range

Makrolon® multi UV 3/16-20 bronze 2845
Makrolon® multi UV 3/16-20 clear 4099 no drop



STANDARD RANGE

Product	Width	Length	Sheets per pallet
Makrolon multi UV 3/16-20 clear 2099	980 mm	4 000 mm	30
		5 000 mm	30
		6 000 mm	30
		7 000 mm	30
	1 200 mm	3 000 mm	30
		4 000 mm	30
		6 000 mm	30
		7 000 mm	30
	2 100 mm	6 000 mm	30
		7 000 mm	30
		6 000 mm	30
		7 000 mm	30
Makrolon multi UV 3/16-20 white 2146	980 mm	6 000 mm	30
		7 000 mm	30
	1 200 mm	6 000 mm	30
		7 000 mm	30
	2 100 mm	6 000 mm	30
		7 000 mm	30
	980 mm	6 000 mm	30
		7 000 mm	30

ON REQUEST RANGE

Product	Width	Length	Sheets per pallet
Makrolon multi UV 3/16-20 bronze 2845	980/ 1 200/ 2 100 mm	on request	on request
Makrolon multi UV 3/16-20 clear 4099 no drop	980/ 1 200/ 2 100 mm	on request	on request



Thickness: 16 mm

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

makrolon®
multi UV



MAKROLON® MULTI UV 4/10

Makrolon® multi UV 4/10 is a 4-wall sheet, extruded with Makrolon® polycarbonate resin and a superior UV-protection on the external side. The 4-wall sheet with Y-structure offers excellent thermal insulation, very good cold bending properties and a very high structural stiffness in combination with a low weight.

DESCRIPTION

Makrolon® multi UV 4/10-6

Thickness:	10 mm
Rib distance:	6 mm
Weight:	1,75 kg/m ²
Light transmission:	clear 1099: 68%
	white 1146: 61%
	IQ-Relax: 52%

Special types:	IQ-Relax
----------------	----------

PRODUCT RANGE

Standard range

Makrolon® multi UV 4/10-6 clear 1099
Makrolon® multi UV 4/10-6 white 1146

Semi-Standard

Makrolon® multi UV 4/10-6 white 1140 IQ-Relax

On request range

Makrolon® multi UV 4/10-6 bronze 1845
Makrolon® multi UV 4/10-6 blue 1545
Makrolon® multi UV 4/10-6 green 1650

STANDARD RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 4/10-6	clear 1099	2 100 mm	6 000 mm	50
			7 000 mm	45
	white 1146	2 100 mm	6 000 mm	50
			7 000 mm	45

SEMI-STANDARD RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 4/10-6	white 1140 IQ-Relax	2 100 mm	6 000 mm	50
			7 000 mm	45

ON REQUEST RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 4/10-6	white 1125	2 100 mm	on request	on request
	bronze 1845	2 100 mm	on request	on request
	blue 1545	2 100 mm	on request	on request
	green 1650	2 100 mm	on request	on request



Thickness 10 mm

makrolon®
multi UV

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

COVESTRO E-SHOP

Have you heard about our new E-Shop yet ? If you are interested please ask for further information. Special products can be ordered easy and direct 24/7.

www.order.covestro.com



The screenshot shows the Order@Covestro website interface. The header includes the Covestro logo and the text 'Order@Covestro'. The main content area is divided into several sections:

- Liens Covestro:** A sidebar menu with links to 'Covestro Global', 'Covestro Product Center', 'Covestro Product Safety First', 'Conditions d'utilisation', 'Conditions générales', 'Déclaration de confidentialité', and 'Impression'.
- Bienvenue sur Order@Covestro:** A central section with a welcome message and a list of services offered, including real-time order status, security data, and simple order entry.
- Langue:** A section for selecting a language, with 'Français' selected.
- Utilisateur enregistré:** A login section with fields for 'Utilisateur' and 'Mot de passe', and a 'Connexion' button.
- Nouveau utilisateur:** A registration section with a text box for the user name and an 'Enregistrer' button.

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

makrolon®
multi UV

**NEW**

MAKROLON® MULTI UV 7/16

Makrolon® multi UV 7/16 is a 7-wall sheet, extruded with Makrolon® polycarbonate resin and a superior UV-protection on the external side. The 7-wall structure offers excellent thermal insulation, very good cold bending properties and a very high structural stiffness in combination with a low weight.

DESCRIPTION

Makrolon® multi UV 7/16-14

Thickness:	16 mm
Rib distance:	14 mm
Weight:	2,6 kg/m ²
Light transmission:	clear 1099: 55%
	white 1146: 45%
	IQ-Relax: 38%

Special types: IQ-Relax

PRODUCT RANGE

Standard range

Makrolon® multi UV 7/16-14 clear 1099
Makrolon® multi UV 7/16-14 white 1146
Makrolon® multi UV 7/16-14 white 1140 IQ-Relax

On request range

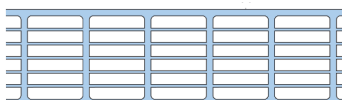
Makrolon® multi UV 7/16-14 bronze 1845

STANDARD RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 7/16-14	clear 1099	980 mm	6 000 mm	30
			7 000 mm	30
		1 200 mm	6 000 mm	30
			7 000 mm	30
		2 100 mm	6 000 mm	30
			7 000 mm	30
	white 1146	980 mm	6 000 mm	30
			7 000 mm	30
		1 200 mm	6 000 mm	30
			7 000 mm	30
		2 100 mm	6 000 mm	30
			7 000 mm	30
	white 1140 IQ-Relax	2 100 mm	6 000 mm	30
			7 000 mm	30

ON REQUEST RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 7/16-14	white 1140 IQ-Relax	980/ 1 200 mm	on request	on request



Thickness 16 mm

makrolon®
multi UV

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

NEW



MULTIWALL SHEETS MAKROLON® MULTI UV 7/20

MAKROLON® MULTI UV 7/20

Makrolon® multi UV 7/20 is a 7-wall sheet, extruded with Makrolon® polycarbonate resin and a superior UV-protection on the external side. The 7-wall structure offers excellent thermal insulation, very good cold bending properties and a very high structural stiffness in combination with a low weight.

DESCRIPTION

Makrolon® multi UV 7/20-14

Thickness:	20 mm
Rib distance:	14 mm
Weight:	2,85 kg/m ²
Light transmission:	clear 1099: 55%
	white 1146: 44%
	IQ-Relax: 38%

Special types: IQ-Relax

PRODUCT RANGE

Standard range

Makrolon® multi UV 7/20-14 clear 1099

On request range

Makrolon® multi UV 7/20-14 white 1146

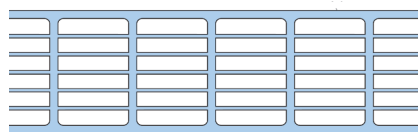
Makrolon® multi UV 7/20-14 white 1140 IQ-Relax

STANDARD RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 7/20-14	clear 1099	2 100 mm	6 000 mm	25
			7 000 mm	20

ON REQUEST RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 7/20-14	clear 1099	980/ 1 200 mm	on request	on request
	white 1146	980/ 1 200/ 2 100 mm	on request	on request
	white 1140 IQ-Relax	980/ 1 200/ 2 100 mm	on request	on request



Thickness 20 mm



The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

makrolon®
multi UV



MAKROLON® MULTI UV 5X/16

Makrolon® multi UV 5X/16-25 is a 5-wall polycarbonate sheet of 16 mm thickness, with an X-structure for enhanced stiffness. It combines high light transmission, good load bearing properties, good thermal insulation and excellent weather resistance. The sheet is lightweight, impact resistant and easy to install.

PRODUCT DESCRIPTION

Makrolon® multi UV 5X/16-25

Thickness:	16 mm
Rib Distance	25 mm
Weight:	2,4 kg/m ²
BF:	2,25 kg/m ²
ES:	2,7 kg/m ²
Light Transmission:	clear 1099: 70%
	white 1146: ca. 55 %
	IQ-Relax: ca. 47 %
	bronze 1845: 26 %

Special type:	IQ-Relax
	Extra Strong (ES)
	Butterfly (BF)
	2 UV

PRODUCT RANGE

Standard Range

Makrolon® multi UV 5X/16-25 clear 1099
Makrolon® multi UV 5X/16-25 white 1146
Makrolon® multi UV 5X/16-25 white 1140 IQ-Relax
Makrolon® multi UV 5X/16-25 clear 2099
Makrolon® multi UV 5X/16-25 white 2146

On request range

Makrolon® multi UV 5X/16-25 BF (Butterfly)
Makrolon® multi UV 5X/16-25 ES (Extra Strong)

STANDARD RANGE

Product	Width	Length	Sheets per pallet
Makrolon multi UV 5X/16-25	clear 1099	980 mm	6 000 mm
			7 000 mm
		1 200 mm	6 000 mm
			7 000 mm
		2 100 mm	6 000 mm
			7 000 mm
	white 1146	980 mm	6 000 mm
			7 000 mm
		1 200 mm	6 000 mm
			7 000 mm
		2 100 mm	6 000 mm
			7 000 mm
	white 1140 IQ-Relax	980 mm	6 000 mm
			7 000 mm
		1200 mm	6 000 mm
			7 000 mm
	bronze 1845	2 100 mm	6 000 mm
			7 000 mm

makrolon®
multi UV

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

SEMI-STANDARD RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 5X/16-25	clear 2099	980/ 1 200 mm	6 000 mm	30
			7 000 mm	30
	clear 2099	2 100 mm	6 000 mm	30
			7 000 mm	30
	white 2146	980/ 1 200 mm	6 000 mm	30
			7 000 mm	30
	white 2146	2 100 mm	6 000 mm	30
			7 000 mm	30

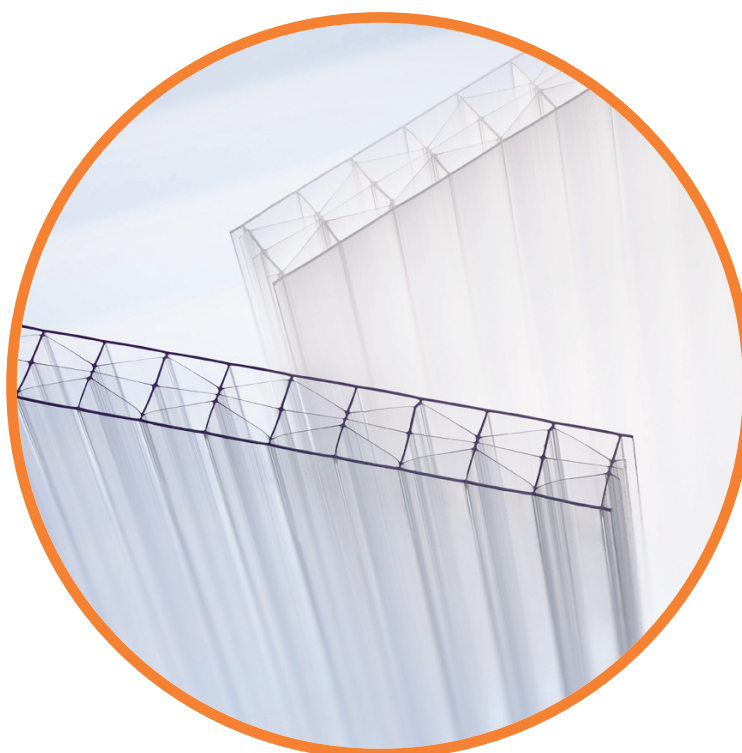
ON REQUEST RANGE

Product	Width	Length	Sheets per pallet
Makrolon multi UV 5X/16-25 white 1140 IQ-Relax	2 100 mm	on request	on request
bronze 1845	980/ 1 200 mm	on request	on request
Makrolon multi UV 5X/16-25 BF* clear 1099	980/ 1 200/ 2 100 mm	on request	on request
white 1146	980/ 1 200/ 2 100 mm	on request	on request
Makrolon multi UV 5X/16-25 ES* clear 1099	980/ 1 200/ 2 100 mm	on request	on request
white 1146	980/ 1 200/ 2 100 mm	on request	on request

*available in different colours



Thickness 16 mm



The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

makrolon[®]
multi UV



MAKROLON® MULTI UV 5M/ 25

Makrolon® multi UV 5M/25 is a 9-wall, M-structured multi-wall sheet, extruded with Makrolon® polycarbonate resin and a superior UV-protection on the external side. The sheet offers excellent thermal insulation, extreme structural stiffness in combination with an optimised weight and good load bearing properties.

DESCRIPTION

Makrolon® multi UV 5M/25-20

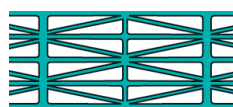
Thickness:	25 mm
Rib distance:	20 mm
Weight:	3,4 kg/m ²
Light transmission:	clear 1099: 49%
	white 1146: 40%
	IQ-Relax: 32%

Special types:	IQ-Relax
----------------	----------

PRODUCT RANGE

Standard range

Makrolon® multi UV 5M/25-20 clear 1099
Makrolon® multi UV 5M/25-20 white 1146
Makrolon® multi UV 5M/25-20 white 1140 IQ-Relax



Thickness 25 mm

STANDARD RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 5M/25-20	clear 1099	980/ 1 200 mm	6 000 mm	20
			7 000 mm	20
	white 1146	980/ 1 200 mm	6 000 mm	20
			7 000 mm	20
	white 1140 IQ-Relax	980/ 1 200 mm	6 000 mm	20
			7 000 mm	20

SEMI-STANDARD RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 5M/25-20	clear 1099	2 100 mm	6 000 mm	20
			7 000 mm	20

ON REQUEST RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 5M/25-20	clear 1099	1 230 mm	on request	on request
	white 1146	1 230/ 2 100 mm	on request	on request
	white 1140 IQ-Relax	1 230/ 2 100 mm	on request	on request

makrolon®
multi UV

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

MAKROLON® MULTI UV 5M/ 32

Makrolon® multi UV 5M/32 is a 9- wall M-structured sheet, extruded with Makrolon® polycarbonate resin and a superior UV-protection on the external side. The sheet offers excellent thermal insulation, extreme structural stiffness in combination with an optimised weight and good load bearing properties.

DESCRIPTION

Makrolon® multi UV 5M/32-20

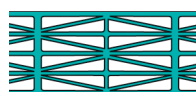
Thickness:	32 mm
Rib distance:	20 mm
Weight:	3,7 kg/m ²
Light transmission:	clear 1099: 48%
	white 1146: 38%
	IQ-Relax: 30%

Special types: IQ-Relax

PRODUCT RANGE

Standard range

Makrolon® multi UV 5M/32-20 clear 1099
Makrolon® multi UV 5M/32-20 white 1146
Makrolon® multi UV 5M/32-20 white 1140 IQ-Relax



Thickness 32 mm

STANDARD RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 5M/32-20	clear 1099	1 230 mm	6 000 mm	15
			7 000 mm	15
	white 1146	1 230 mm	6 000 mm	15
			7 000 mm	15
	white 1140 IQ-Relax	1 230 mm	6 000 mm	15
			7 000 mm	15

SEMI-STANDARD RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 5M/32-20	clear 1099	2 100 mm	6 000 mm	15
			7 000 mm	15
	white 1146	2 100 mm	6 000 mm	15
			7 000 mm	15
	white 1140 IQ-Relax	2 100 mm	6 000 mm	15
			7 000 mm	15

ON REQUEST RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 5M/32-20	clear 1099	980/ 1 200 mm	on request	on request
	white 1146	980/ 1 200 mm	on request	on request
	white 1140 IQ-Relax	980/ 2 100 mm	on request	on request

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

makrolon®
multi UV



NEW



MAKROLON® MULTI UV 7M/ 16

Makrolon® multi UV 7M/16 is a 13-wall, M-structured multi-wall sheet, extruded with Makrolon® polycarbonate resin and a superior UV-protection on the external side. The sheet offers excellent thermal insulation, extreme structural stiffness in combination with an optimised weight and good load bearing properties.

DESCRIPTION

Makrolon® multi UV 7M/16-28

Thickness:	16 mm
Rib distance:	28 mm
Weight:	2,7 kg/m ²
Light transmission:	white 1149: 34%
	IQ-Relax: 32%
Special types:	IQ-Relax

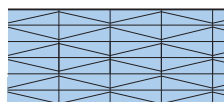
PRODUCT RANGE

On request range

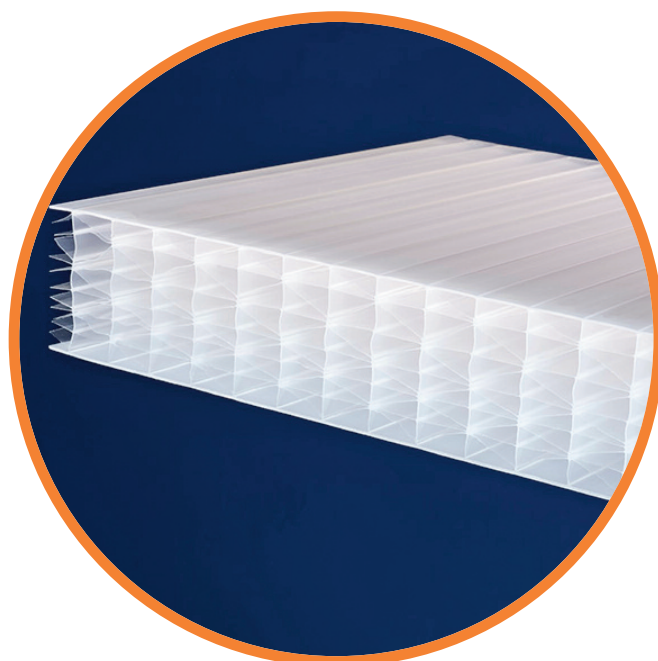
Makrolon® multi UV 7M/16-28 white 1149
Makrolon® multi UV 7M/16-28 white 1151 IQ-Relax

ON REQUEST RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 7M/16-28	white 1149	980/ 1 200 mm	on request	on request
	white 1151 IQ-Relax	980/ 1 200 mm	on request	on request



Thickness 16 mm



makrolon®
multi UV

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

MAKROLON® MULTI UV 7M/ 20

Makrolon® multi UV 7M/20 is a 13- wall M-structured sheet, extruded with Makrolon® polycarbonate resin and a superior UV-protection on the external side. The sheet offers excellent thermal insulation, extreme structural stiffness in combination with an optimised weight and good load bearing properties.

DESCRIPTION

Makrolon® multi UV 7M/20-28

Thickness:	20 mm
Rib distance:	28 mm
Weight:	2,9 kg/m ²
Light transmission:	white 1149: 32%
	IQ-Relax: 30%
Special types:	IQ-Relax

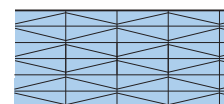
PRODUCT RANGE

On-request

Makrolon® multi UV 7M/20-28 white 1149
Makrolon® multi UV 7M/20-28 white 1151 IQ-Relax

ON REQUEST RANGE

Product	Width	Length	Sheets per pallet
Makrolon multi UV 7M/20-28 white 1149	980/ 1 200 mm	on request	on request
white 1151 IQ-Relax	980/ 1 200 mm	on request	on request



Thickness 20 mm

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

makrolon®
multi UV



NEW



MAKROLON® MULTI UV 7M/ 25

Makrolon® multi UV 7M/25 is a 13- wall M-structured sheet, extruded with Makrolon® polycarbonate resin and a superior UV-protection on the external side. The sheet offers excellent thermal insulation, extreme structural stiffness in combination with an optimised weight and good load bearing properties.

DESCRIPTION

Makrolon® multi UV 7M/25-28

Thickness:	25 mm
Rib distance:	28 mm
Weight:	3,3 kg/m ²
Light transmission:	white 1149: 31%
	IQ-Relax: 27%

Special type: IQ-Relax

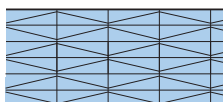
PRODUCT RANGE

On request

Makrolon® multi UV 7M/25-28 white 1149
Makrolon® multi UV 7M/25-28 white 1151 IQ-Relax

ON REQUEST RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 7M/25-28	white 1149	980/ 1 200 mm	on request	on request
	white 1151 IQ-Relax	980/ 1 200 mm	on request	on request



Thickness 25

makrolon®
multi UV

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

MAKROLON® MULTI UV 7M/ 32

Makrolon® multi UV 7M/32 is a 13- wall M-structured sheet, extruded with Makrolon® polycarbonate resin and a superior UV-protection on the external side. The sheet offers excellent thermal insulation, extreme structural stiffness in combination with an optimised weight and good load bearing properties.

DESCRIPTION

Makrolon® multi UV 7M/32-28

Thickness:	32 mm
Rib distance:	28 mm
Weight:	3,6 kg/m ²
Light transmission:	clear 1099: 39%
	white 1149: 30%
	IQ-Relax: 26%

Special types: IQ-Relax

PRODUCT RANGE

Standard range

Makrolon® multi UV 7M/32-28 clear 1099
Makrolon® multi UV 7M/32-28 white 1149

On request

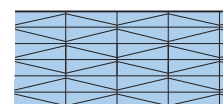
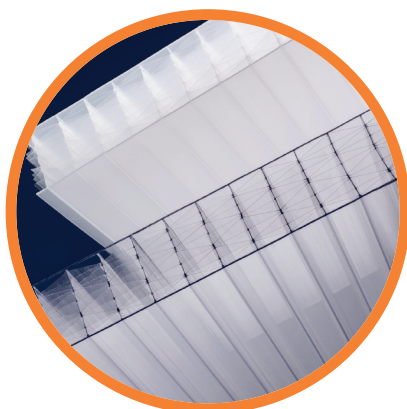
Makrolon® multi UV 7M/32-28 white 1151 IQ-Relax

STANDARD RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 7M/32-28	clear 1099	1 200 mm	6 000 mm	15
			7 000 mm	15
	white 1149	1 200 mm	6 000 mm	15
			7 000 mm	15

ON REQUEST RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 7M/32-28	clear 1099	980 mm	on request	on request
	white 1149	980 mm	on request	on request
	white 1151 IQ-Relax	980 mm	on request	on request



Thickness 32 mm

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

makrolon®
multi UV



NEW



MAKROLON® MULTI UV 7M/ 40

Makrolon® multi UV 7M/40 is a 13-wall, M-structured multi-wall sheet, extruded with Makrolon® polycarbonate resin and a superior UV-protection on the external side. The sheet offers excellent thermal insulation, extreme structural stiffness in combination with an optimised weight and good load bearing properties.

DESCRIPTION

Makrolon® multi UV 7M/40-28

Thickness:	40 mm	
Rib distance:	28 mm	
Weight:	4,1 kg/m²	
Light transmission:	clear 1099	38%
	white 1149:	28%
	IQ-Relax:	22%

Special types: IQ-Relax

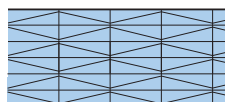
PRODUCT RANGE

On request range

Makrolon® multi UV 7M/40-28 clear 1099
Makrolon® multi UV 7M/40-28 white 1149
Makrolon® multi UV 7M/40-28 white 1151 IQ-Relax

ON REQUEST RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 7M/40-28	clear 1099	1 200 mm	on request	on request
	white 1149	1 200 mm	on request	on request
	white 1151 IQ-Relax	1 200 mm	on request	on request



Thickness 40 mm



makrolon®
multi UV

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

MAKROLON® MULTI UV 7M/ 50

Makrolon® multi UV 7M/50 is a 13- wall M-structured sheet, extruded with Makrolon® polycarbonate resin and a superior UV-protection on the external side. The sheet offers excellent thermal insulation, extreme structural stiffness in combination with an optimised weight and good load bearing properties.

DESCRIPTION

Makrolon® multi UV 7M/50-28

Thickness:	50 mm
Rib distance:	28 mm
Weight:	4,5 kg/m ²
Light transmission:	clear 1099: 38%
	white 1149: 28%
	IQ-Relax: 23%

Special types: IQ-Relax

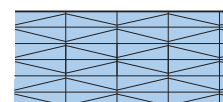
PRODUCT RANGE

On request

Makrolon® multi UV 7M/50-28 clear 1099
Makrolon® multi UV 7M/50-28 white 1149
Makrolon® multi UV 7M/50-28 white 1151 IQ-Relax

ON REQUEST RANGE

Product	Width	Length	Sheets per pallet
Makrolon multi UV 7M/50-28			
clear 1099	980 mm	on request	on request
white 1149	980 mm	on request	on request
white 1151 IQ-Relax	980/ 1 200 mm	on request	on request



Thickness 50

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

makrolon®
multi UV



MAKROLON® GP

Makrolon® GP is a mono-layer polycarbonate sheet, with good transparency, extreme impact resistance, high temperature resistance and good fire behaviour.

DESCRIPTION

Makrolon® GP

Density:	1,20 g/cm ³
Light transmission :	clear 099 : 88%
(at 3 mm)	white 130 : 30%
	white 150 : 50%
Special grades:	NR : non-reflective
	FR : flame-retardant
	FG : food grade



STANDARD & SEMI-STANDARD RANGE*

Product	Size	Unit	0,75	1	1,5	2	3	4	5	6	8	10	12	15
Makrolon GP clear 099	2 050 x 1 250 mm	bulk	400	300	200	150	100	75	60	50	40	30	25	°
		carton	50	40	30	20	15	10	8	6	5	4	3	
	3 050 x 2 050 mm	bulk		°	°	60	40	30	24	20	15	12	10	8
		carton		40	30	20	15	10	8	6	5	4	3	3
Makrolon GP white 130	3 050 x 2 050 mm	bulk				60	40	°	°	°	°	°	°	
		carton				20	15	10						
Makrolon GP white 150	3 050 x 2 050 mm	bulk				60	40	°	°	°	°	°	°	
Makrolon NR clear 099	3 050 x 2 050 mm	carton		40	°	°	15	°	°					
Makrolon FR clear 099	3 050 x 2 050 mm	carton				20	15	10	8	°				
Makrolon FR DX white139	3 050 x 2 050 mm	carton			°	°	15	°						

ON REQUEST RANGE

Product	Available widths	Available thicknesses
Makrolon FG clear 099	1 250, 2 050 mm	2-15 mm
Makrolon NR clear 099	1 250 mm	0.75 - 5 mm

*LEGEND

30	Standard
30	Semi-Standard
°	on request

makrolon®

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

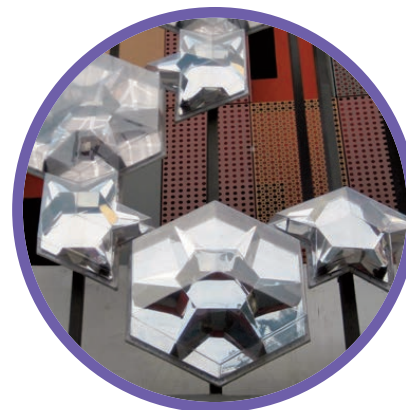
MAKROLON® UV

Makrolon® UV is a mono-layer polycarbonate sheet, with improved UV-protection on both sides. On top of that, it offers good transparency, extreme impact resistance, high temperature resistance and good fire behaviour.

DESCRIPTION

Makrolon® UV

Density:	1,20 g/cm ³
Light transmission :	clear 2099 : 87%
(at 3 mm)	white 2130: 30%
	white 2150 : 50%
	bronze 2850 : 50%
	grey 2760 : 62%
	green 2650 : 77%
	blue 2550 : 61%



STANDARD & SEMI-STANDARD RANGE*

Product	Size	Unit	2	3	4	5	6	8	10	12	15
Makrolon UV clear 2099	3 050 x 2 050 mm	bulk	60	40	30	24	20	15	12	10	8
		carton	20	15	10	8	6	5	4	3	3
	6110 x 2050 mm	bulk	30	20	15	12	10	°	°	°	°
Makrolon UV white 2130	3 050 x 2 050 mm	bulk	°	40	30	24	°	°	°	°	
Makrolon UV white 2150	3 050 x 2 050 mm	bulk	60	40	30	24	°	°	°	°	
		carton	20	15	10	8					
	6110 x 2050	bulk	°	20	15	°	°	°	°	°	
Makrolon UV bronze 2850	3 050 x 2 050 mm	bulk	°	40	30	24	20	15	°	°	
		carton	°	15	10	8	6	5			
	6110 x 2050	bulk	°	20	15	12	°	°	°	°	
Makrolon UV grey 2760	3 050 x 2 050 mm	bulk	°	40	30	24	20	°	°	°	

ON REQUEST RANGE

Product	Available widths	Available thicknesses
Makrolon UV blue 2550	1 250, 2 050 mm	2 -12 mm
Makrolon UV green 2650	1 250, 2 050 mm	2 - 12 mm
Makrolon UV clear 2099	1 250 mm	0,75 mm
Makrolon UV clear 2099	1 250, 2 050 mm	1/ 1.5 mm

*LEGEND

30	Standard
30	Semi-Standard
°	on request

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

makrolon®



MAKROLON® AR

Makrolon® AR is a mono-layer polycarbonate sheet with improved scratch resistance on both sides. On top of that, it offers improved chemical resistance and weathering resistance, next to good transparency, extreme impact resistance, high temperature resistance and good fire behaviour.

DESCRIPTION

Makrolon® AR

Density: 1,20 g/cm³
 Light transmission : clear 8099 : 88%
 (at 3 mm) bronze 8850 : 50%

STANDARD & SEMI-STANDARD RANGE*

Product	Size	Unit	1,5	2	3	4	5	6	8	10	12	15
Makrolon AR clear 8099	3 000 x 2 000 mm	carton	°	20	15	10	8	6	5	4	3	3
Makrolon AR bronze 8850	3 000 x 2 000 mm	carton			15	10	8	6	5	4	°	
Makrolon AR clear 7099	3 000 x 2 000 mm	carton	°	20	15	10	8	6	°	°	°	

*LEGEND

30	Standard
30	Semi-Standard
°	on request



makrolon®

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

MAKROLON® UV PATTERNED

Makrolon® UV patterned sheet is a mono-layer polycarbonate sheet, with improved UV-protection on both sides and a special pattern on the surface(s). On top of that, it offers good translucency, extreme impact resistance, high temperature resistance and good fire behaviour.

DESCRIPTION

Makrolon® UV patterned

Density:	1,20 g/cm ³
Light transmission :	clear 2099 : 86%
(at 3 mm)	bronze 2850 : 50%
	blue 2550 : 61%
	green 2650 : 77%
Patterns:	RH : raindrop/haircell
	P : pearl/smooth
	GX : fine ripples/ prism

STANDARD & SEMI-STANDARD RANGE*

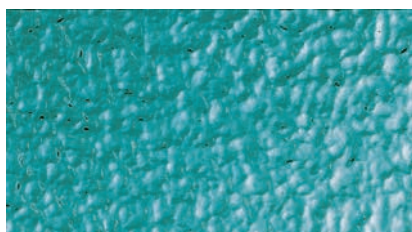
Product	Size	Unit	3	4	5	6
Makrolon UV clear 2099 RH	3 050 x 2 050 mm	carton	15	10	8	6
Makrolon UV clear 2099 P	3 050 x 1 650 mm	small bulk	°	°	12	°
Makrolon UV clear 2099 GX	3 050 x 1 650 mm	small bulk	20	°	°	

ON REQUEST RANGE

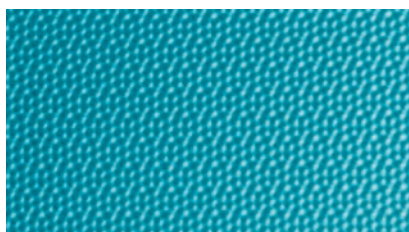
Product	Available widths	Available thicknesses
Makrolon UV bronze 2850 RH	2 050 mm	3 - 6 mm
Makrolon UV blue 2550 RH	2 050 mm	3 - 6 mm
Makrolon UV green 2650 RH	2 050 mm	3 - 6 mm

*LEGEND

30	Standard
30	Semi-Standard
°	on request



RH pattern



P pattern



GX pattern

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

makrolon®



MAKROLON® UV CLIMATE CONTROL

Makrolon® UV ClimateControl are transparent polycarbonate sheets with a protective UV-coating on both sides. The sheets substantially reduce high temperatures caused by sunlight as they block out the majority of infrared light.

DESCRIPTION

Makrolon® UV CC

Thickness:		1,20 g/cm ³
Light transmission :	blue	2555 : 55%
(at 3 mm)	green	2655 : 55%
	bronze	2855 : 55%
	grey	2755 : 55%
	clear	2080 : 80%
	clear	2085 : 85%

ON REQUEST RANGE

Product	Available widths	Available thicknesses
Makrolon UV CC blue 2555	1 250 mm, 2050 mm	2 -12 mm
Makrolon UV CC green 2655	1 250 mm, 2050 mm	2 -12 mm
Makrolon UV CC bronze 2855	1 250 mm, 2050 mm	2 -12 mm
Makrolon UV CC grey 2755	1 250 mm, 2050 mm	2 -12 mm
Makrolon UV CC clear 2080	1 250 mm, 2050 mm	2 -12 mm
Makrolon UV CC clear 2085	1 250 mm, 2050 mm	2 -12 mm



makrolon®

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

MAKROLON® HYGARD

Makrolon Hygard® sheets consist of multiple layers of polycarbonate or polycarbonate/acrylic with bonding interlayers. These tough yet lightweight materials offer proven resistance to physical and ballistic attack.

Makrolon Hygard® is offered in 5 levels of protection. All sheets feature a hard coated surface for exceptional resistance to abrasion and UV-degradation.

DESCRIPTION CONTAINMENT GLAZING

Makrolon Hygard® CG 375 clear 8099

Thickness: 9,5 mm
Weight: 11,4 kg/m²
Type: PC/PC

Makrolon Hygard® CG 500 clear 8099

Thickness: 12,7 mm
Weight: 15,2 kg/m²
Type: PC/ PC/ PC

DESCRIPTION BULLET RESISTANT GLAZING

Makrolon Hygard® BR 1250 clear 8099

Thickness: 31,75 mm
Weight: 38,1 kg/m²
Type: PC/ PC/ PC/ PC

STANDARD RANGE

Product	Size	Available thicknesses
Makrolon Hygard® CG 375 clear	1520 x 2440 mm	9,5 mm
CG 500 clear	1520 x 2440 mm	12,7 mm
BR 1250 clear	1520 x 2440 mm	31,75 mm

Hygard® is a registered trademark of Covestro.

Packaging unit :
available per single sheet.
Other sizes on request.



The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

makrolon®



MAKROLON® TITAN

Solid Makrolon® Titan sheets are clear, polished polycarbonate sheets. They offer extreme impact strength that exceeds the physical properties of other products of their class. Typical applications for Makrolon® Titan sheets include machine guards. C3 Classification according to DIN EN ISO 23125 (International harmonization of DIN EN 12415)

DESCRIPTION

Makrolon® Titan

Density: 1,20 g/cm³

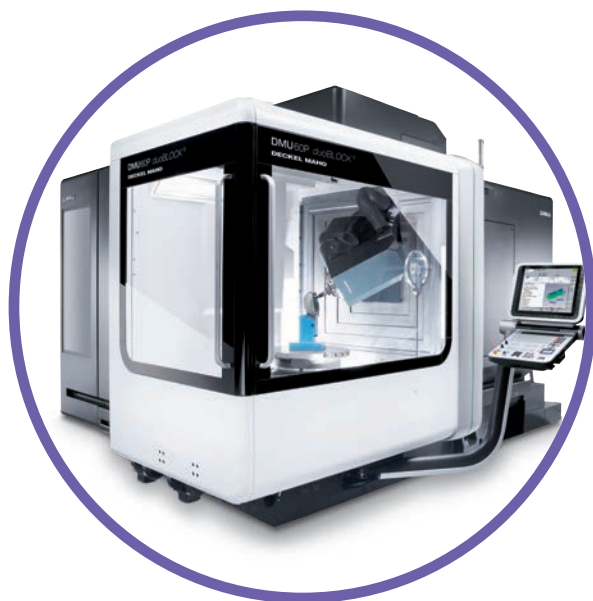
Light transmission:

Sheet Thickness 18 mm clear 099: 79%

Sheet Thickness 20 mm clear 099 : 76%

STANDARD RANGE

Product	Size	Unit	18	20
Makrolon Titan	3 050 x 2 050 mm	carton	2	2
	3 050 x 2 050 mm	bulk	6	6



makrolon®

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

MAKROLON® VISTA QX10

Makrolon® Vista QX10 clear 099 is a clear transparent sheet with high light transmission. Whichever way you look at it, the material meets the highest standards for optical excellence. Makrolon® Vista QX10 has an improved optical quality, with minimal inclusions and high surface quality, backed up by an online inspection system.

DESCRIPTION

Makrolon® Vista QX10

Density:	1,20 g/cm ³	
Colour:	clear 099	
Light transmission: (3 mm)	clear 099 :	88%

ON REQUEST RANGE

Product	Size	Available thicknesses
Makrolon® Vista QX10 clear 099	3 050 x 2 050 mm	3 - 12 mm



The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

makrolon®



MAKROLON® COLORLINE

Whatever you're planning, ColorLine will make your colour dreams come true. With the solid transparent sheets by Covestro, 20 new colours are immediately available as standard with a 250 kg minimum order depending on the thickness of the sheet (2-8 mm). Other shades can be provided on request.

DESCRIPTION

Makrolon® ColorLine

Density: 1,20 g/cm³

For further detailed information please ask your Sales contact.



makrolon®

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.



RPC BLACK

RPC black is a mono-layer polycarbonate sheet, made from 100% recycled polycarbonate resin. It offers extreme impact resistance, high temperature resistance and good fire behaviour.

DESCRIPTION

RPC black 900

Density:	1,20 g/cm ³
Colour:	black 900 <1% (opaque)
Patterns:	G: ripples / smooth C: fine ripples / smooth T: very fine ripples/ smooth

ON REQUEST RANGE

Product	Available widths	Available thicknesses
RPC black 900	max. 2050 mm	1,5 - 12 mm
RPC black 900 G	max. 1650 mm	2 - 6 mm
RPC black 900 C	max. 1250 mm	1 - 8 mm
RPC black 900 T	max. 2050 mm	2 - 6 mm

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

makrolon®



MAKROLON® DX

Makrolon® DX sheets are polished polycarbonate diffuser sheets. Makrolon® DX is developed for applications based on LED light sources, which do not emit UV light. It offers a combination of high light transmission and light diffusion as well as an extreme impact strength which exceeds the physical properties of other thermoplastics.

DESCRIPTION

Makrolon® DX warm

Density:	1,20 g/cm ³	
Light transmission:	1,5 mm sheet thickness	white 141: 76%
	3,0 mm sheet thickness	white 141: 72%

Makrolon® DX cool

Density:	1,20 g/cm ³	
Light transmission:	1,5 mm sheet thickness	white 139: 65%
	3,0 mm sheet thickness	white 139: 64%

Special grades	DX-NR (warm/cool) :	one side matt finish
	FR DX (cool):	flame retardant
	DX-UV (warm/cool):	one side UV-protection
	DX-AR (warm/cool):	abrasion-resistant



STANDARD & SEMI-STANDARD RANGE

Product		Size	Unit	1,5	3
Makrolon DX warm	white 141	2 050 x 1 250 mm	carton	30	15
Makrolon DX cool	white 139	2 050 x 1 250 mm	carton	30	15
Makrolon DX-UV warm	white 1141	2 050 x 1 250 mm	carton	30	15
Makrolon DX-UV cool	white 1139	2 050 x 1 250 mm	carton	30	15
Makrolon DX-NR warm	white N141	2 050 x 1 250 mm	carton	30	15
Makrolon DX-NR cool	white N139	2 050 x 1 250 mm	carton	30	15
Makrolon FR-DX cool	white 139	3 050 x 2 050 mm	carton	0	15

ON REQUEST

Product	Available widths	Available thicknesses
Makrolon DX (warm/cool)	1 250/ 2 050 mm	1,5 - 6 mm
Makrolon DX-UV (warm/cool)	1 250/ 2 050 mm	1,5 - 6 mm
Makrolon DX-NR (warm/cool)	1 250/ 2 050 mm	1,5 - 5 mm
Makrolon DX-AR (warm/cool)	1 250/ 2 050 mm	1,5 - 6 mm
Makrolon FR-DX cool	2 050 mm	1,5 - 4 mm

makrolon®

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

MAKROLON® RX

Solid Makrolon® RX sheets are highly reflective opaque solid polycarbonate sheets and developed for applications based on LED light sources. Makrolon® RX line offers extremely high diffuse light reflectance, high opacity, mechanical properties as well as superior thermal and fire resistance.

DESCRIPTION

Makrolon® RX

Density: 1,34 g/cm³
Light reflectance: 96%

Makrolon® RX-FR

Density: 1,34 g/cm³
Light reflectance: 95%
Special grade: flame-retardant

Makrolon® RX-UV

Density: 1,34 g/cm³
Light reflectance: 96%
Special grade: UV-protection on both sides



STANDARD & SEMI-STANDARD RANGE

Product	Sizes	Unit	1	1,5	2	3	4
Makrolon RX white 144	2 050 x 1 250 mm	carton	40	30	20	°	°

ON REQUEST

Product	Available widths	Available thicknesses
Makrolon RX white 144	1 250 mm	1 - 4 mm
Makrolon RX-UV white 2144	1 250 mm	1 - 4 mm
Makrolon RX-FR white 147	1 250 mm	1 - 4 mm

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

makrolon®



MAKROLON® SX

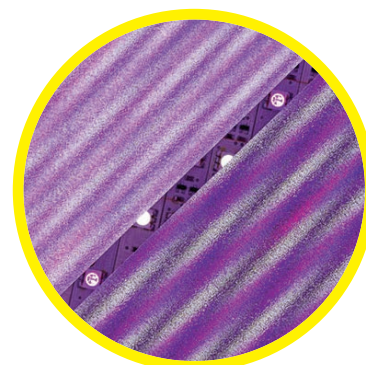
Makrolon® SX sheets are light shaping and de-glaring sheets. The microprismatic sheets offer excellent optical efficiency thanks to special polycarbonate grades and the microlense surface pattern with 124,8 lpi. If placed parallel or perpendicular to LED lines (strips), they provide light diffusion in lenticular (linear) direction in a very efficient way, also in very thin fixture profiles. In other positions, they shape the light in dynamic forms.

The linear micro-prism structure runs in the length along the extrusion direction. The light ray is rendered perpendicular to the lenticular micro-prism.

DESCRIPTION

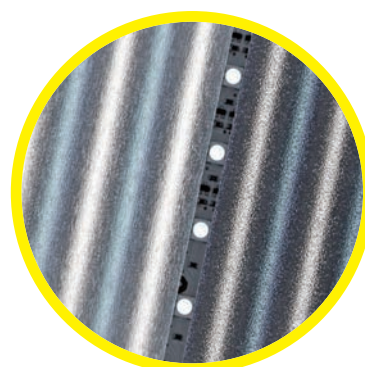
Makrolon® SX

Density:	1,20 g/cm ³
Light transmission:	1,35 mm sheet thickness
	single layer: 90%
	single reversed 50%
	double layer 75%



ON REQUEST

Product	Dimensions	Unit	1,35
Makrolon SX	UV clear 1099	1 280 x 750 mm	Karton 30



makrolon®

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.



The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

makrolon®



VIVAK®

Vivak® is a mono-layer copolyester sheet, which offers nice transparency, high impact resistance, good fire behaviour and excellent thermoforming properties.

Vivak® UV has improved UV-protection on both sides.

DESCRIPTION

VIVAK®

Density:	1,27 g/cm ³	
Light transmission:	clear 099:	88%
(at 3 mm)	bronze 850:	60%

VIVAK® UV

Density:	1,27 g/cm ³	
Light transmission:	clear 2099:	88%
(at 3 mm)	white 2130:	30%
	grey 2760:	35%
		(at 5 mm)
	bronze 2850:	45%
		(at 5 mm)

STANDARD & SEMI-STANDARD RANGE*

Product	Size	Unit	0,5	0,75	1	1,5	2	3	4	5	6	8	10	12	15
Vivak clear 099	2 050 x 1 250 mm	bulk	500	400	300	200	150	100	75	60	50	40	30	°	°
		carton	80	50	40	30	20	15	10	8					
	3 050 x 2 050 mm	bulk			120	80	60	40	30	24	20	15	12	10	°
		carton			40	30	20	15	10	8	6				
Vivak UV clear 2099	3 050 x 2 050 mm	bulk			°	°	60	40	30	24	°	°	°	°	
Vivak UV white 2130	3 050 x 2 050 mm	bulk					°	40	30	°	°	°	°	°	

ON REQUEST RANGE

Product	Available widths	Available thicknesses
Vivak bronze 850	1250, 2050 mm	2 - 12 mm
Vivak UV clear 2099	1250 mm	2 - 12 mm
Vivak UV grey 2760	1250, 2050 mm	2 - 12 mm
Vivak UV bronze 2850	1250, 2050 mm	2 - 12 mm

*LEGEND

30	standard
30	semi-standard
°	on request

VIVAK®

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

VIVAK® COLOR LINE

Whatever you're planning, Vivak® ColorLine will make your colour dreams come true. With the solid transparent sheets by Bayer MaterialScience, 20 new colours are available as standard with a 250 kg minimum order depending on the thickness of the sheet (2-8 mm). Other shades can be provided on request.

DESCRIPTION

VIVAK® ColorLine

Density: 1,27 g/cm²



The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

VIVAK®



AXPET®

Axpet® is a mono-layer polyester sheet, which offers nice transparency, good impact resistance and excellent fire behaviour. Axpet® UV has an improved UV-protection on both sides.

DESCRIPTION

AXPET®

Density:	1,33 g/cm ³	
Light transmission:	clear 099:	87%
(at 3 mm)	white 130:	28%
	white 100:	<1%
Special grades:	NR: non-reflective	

AXPET® UV

Density:	1,33 g/cm ³	
Light transmission:	clear 2099:	87%
(at 3 mm)		

STANDARD & SEMI-STANDARD PROGRAMM*

Product	Size	Unit	0,8	1	1,5	2	3	4	5
Axpet clear 099	2 050 x 1 250 mm	bulk	375	300	200	150	100	75	°
		carton	50	40	30	20	15	10	
	3 050 x 2 050 mm	bulk	150	120	80	60	40	30	24
		carton	50	40	30	20	15	10	8
Axpet NR clear 099	2 050 x 1 250 mm	bulk	375	300	200	150			
		carton	50	40	30	20			
	3 050 x 2 050 mm	bulk		120					
Axpet white 130	2 050 x 1 250 mm	bulk		300	200	150	°	°	
	3 050 x 2 050 mm	bulk		120	80	60	°	°	
Axpet white 100	2 050 x 1 250 mm	carton		40	°	20	°		

ON REQUEST RANGE

Product	Available widths	Available thicknesses
Axpet UV clear 2099	1250, 2050 mm	2 - 5 mm

*LEGEND

30	standard
30	semi-standard
°	on request

axpet®

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.



The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance, information and recommendations to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Covestro. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

axpet®



Covestro Deutschland AG
Business Unit Polycarbonates
51365 Leverkusen
Germany

sales.sheetsEMEA@covestro.com
www.sheets.covestro.com